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IN THE UNITED STATES PATENT AND TRADEMARK OFFICE

Applicant: Erika Hawkins et al.

Title: COMPOSITIONS AND METHODS TO QUENCH LIGHT FROM OPTICAL REACTIONS

Docket No.: 341.022US1

Serial No.: 10/777,461

Filed: February 12, 2004

Due Date: N/A

Examiner: Unknown

Group Art Unit: 1651

Mail Stop Amendment

Commissioner for Patents

P.O. Box 1450

Alexandria, VA 22313-1450

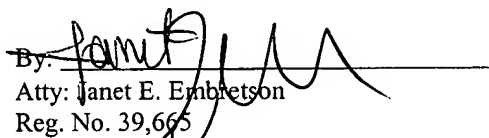
We are transmitting herewith the following attached items (as indicated with an "X"):

- ☒ A return postcard.
- ☒ A Communication Concerning Related Application (1 pg.).
- ☒ A Supplemental Information Disclosure Statement (2 pgs.), Form 1449 (1 pg.), and copies of 12 cited documents.

If not provided for in a separate paper filed herewith, Please consider this a PETITION FOR EXTENSION OF TIME for sufficient number of months to enter these papers and please charge any additional fees or credit overpayment to Deposit Account No. 19-0743.

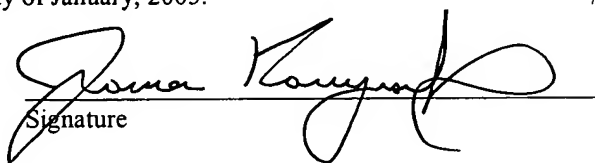
SCHWEGMAN, LUNDBERG, WOESSNER & KLUTH, P.A.

Customer Number 21186

By: 
Atty: Janet E. Embretson
Reg. No. 39,665

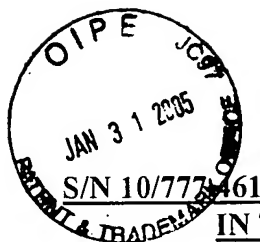
CERTIFICATE UNDER 37 CFR 1.8: The undersigned hereby certifies that this correspondence is being deposited with the United States Postal Service with sufficient postage as first class mail, in an envelope addressed to: Mail Stop Amendment, Commissioner for Patents, P.O. Box 1450, Alexandria, VA 22313-1450, on this 28th day of January, 2005.

JAMES KANYOSIK
Name


Signature

SCHWEGMAN, LUNDBERG, WOESSNER & KLUTH, P.A.

(GENERAL)



PATENT

IN THE UNITED STATES PATENT AND TRADEMARK OFFICE

Applicant: Erika Hawkins et al. Examiner: Unknown
Serial No.: 10/777,461 Group Art Unit: 1651
Filed: February 12, 2004 Docket: 341.022US1
Title: COMPOSITIONS AND METHODS TO QUENCH LIGHT FROM OPTICAL REACTIONS

COMMUNICATION CONCERNING RELATED APPLICATION

Commissioner for Patents
P.O. Box 1450
Alexandria, VA 22313-1450

Applicants would like to bring to the Examiner's attention the following related application in the above-identified patent application:

<u>Serial/Patent No.</u>	<u>Filing Date</u>	<u>Attorney Docket</u>	<u>Title</u>
10/991,759	November 18, 2004	341.014US3	METHOD FOR INCREASING LUMINESCENCE ASSAY SENSITIVITY

Respectfully submitted,

ERIKA HAWKINS ET AL.

By Applicants' Representatives,

SCHWEGMAN, LUNDBERG, WOESSNER & KLUTH, P.A.
P.O. Box 2938
Minneapolis, MN 55402
(612) 373-6959

Date

January 27, 2005

By

Janet E. Embretson
Reg. No. 39,665

CERTIFICATE UNDER 37 CFR 1.8: The undersigned hereby certifies that this correspondence is being deposited with the United States Postal Service with sufficient postage as first class mail, in an envelope addressed to: Commissioner for Patents, P.O. Box 1450, Alexandria, VA 22313-1450, on this 28th day of January, 2005.

JAMES KANYOSIK
Name

Signature

S/N 10/777,461



PATENT

IN THE UNITED STATES PATENT AND TRADEMARK OFFICE

Applicant:	Erika Hawkins et al.	Examiner:	Unknown
Serial No.:	10/777,461	Group Art Unit:	1651
Filed:	February 12, 2004	Docket:	341.022US1
Title:	COMPOSITIONS AND METHODS TO QUENCH LIGHT FROM OPTICAL REACTIONS		

SUPPLEMENTAL INFORMATION DISCLOSURE STATEMENT

MS Amendment
Commissioner for Patents
P.O. Box 1450
Alexandria, VA 22313-1450

In compliance with the duty imposed by 37 C.F.R. § 1.56, and in accordance with 37 C.F.R. §§ 1.97 *et. seq.*, the enclosed materials are brought to the attention of the Examiner for consideration in connection with the above-identified patent application. Applicants respectfully request that this Supplemental Information Disclosure Statement be entered and the documents listed on the attached Form 1449 be considered by the Examiner and made of record. Pursuant to the provisions of MPEP 609, Applicants request that a copy of the 1449 form, initialed as being considered by the Examiner, be returned to the Applicants with the next official communication.

Pursuant to 37 C.F.R. §1.97(b), it is believed that no fee or statement is required with the Supplemental Information Disclosure Statement. However, if an Office Action on the merits has been mailed, the Commissioner is hereby authorized to charge the required fees to Deposit Account No. 19-0743 in order to have this Supplemental Information Disclosure Statement considered.

SUPPLEMENTAL INFORMATION DISCLOSURE STATEMENT

Serial No :10/777,461

Filing Date: February 12, 2004

Title: COMPOSITIONS AND METHODS TO QUENCH LIGHT FROM OPTICAL REACTIONS

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Dkt: 341.022US1

Pursuant to 37 C.F.R. 1.98(a)(2), Applicant believes that copies of cited U.S. Patents and Published Applications are no longer required to be provided to the Office. Notification of this change was provided in the United States Patent and Trademark Office OG Notices dated October 12, 2004. Thus, Applicant has not included copies of any US Patents or Published Applications cited with this submission. Should the Office require copies to be provided, Applicant respectfully requests that notice of such requirement be directed to Applicant's below-signed representative. Applicant acknowledges the requirement to submit copies of foreign patent documents and non-patent literature in accordance with 37 C.F.R. 1.98(a)(2).

The Examiner is invited to contact the Applicants' Representative at the below-listed telephone number if there are any questions regarding this communication.

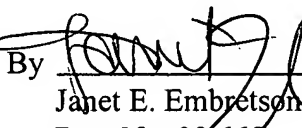
Respectfully submitted,

ERIKA HAWKINS ET AL.

By their Representatives,

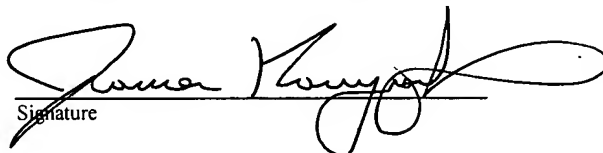
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Date January 27, 2005

By 
Janet E. Embretson
Reg. No. 39,665

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JAMES KANYUSIK
Name

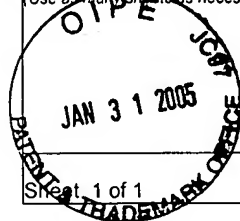

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Substitute for form 1449A/PTO

**INFORMATION DISCLOSURE
STATEMENT BY APPLICANT**

(Use as many sheets as necessary)



Sheet 1 of 1

Complete if Known

Application Number 10/777,461

Filing Date February 12, 2004

First Named Inventor Hawkins, Erika

Group Art Unit 1651

Examiner Name Unknown

Attorney Docket No: 341.022US1

US PATENT DOCUMENTS

Examiner Initial *	USP Document Number	Publication Date	Name of Patentee or Applicant of cited Document	Filing Date If Appropriate
	US-4,246,340	01/20/1981	Lundin, A. T., et al.	05/30/1979
	US-5,618,682	04/08/1997	Scheirer, W.	02/08/1994

OTHER DOCUMENTS -- NON PATENT LITERATURE DOCUMENTS

Examiner Initials*	Cite No ¹	Include name of the author (in CAPITAL LETTERS), title of the article (when appropriate), title of the item (book, magazine, journal, serial, symposium, catalog, etc.), date, page(s), volume-issue number(s), publisher, city and/or country where published.	T ²
		BRANCHINI, B. R., et al., "Naphtyl- and Quinolyl-luciferin: Green and Red Light Emitting Firefly Luciferin Analogues", <u>Photochemistry and Photobiology</u> , 49(5), (1989),689-695	
		DELUCA, M., et al., "Role of Sulfhydryl Groups in Firefly Luciferase", <u>Biochemistry</u> , 3(7), (1964),	
		DELUCA, M., et al., "The Hydrolase Properties of Firefly Luciferase", <u>Biochemical and Biophysical Research Communications</u> , 18(5-6), (1965),836-842	
		DELUCA, M., et al., "The Role of 1,N ⁶ -Ethenoadenosine Triphosphate and 1, N ⁶ -Ethenoadenosine", <u>Proc. Nat. Acad. Sci. USA</u> , 70(6), (1973),1664-1666	
		FORD, S. R., et al., "Enhancement of Firefly Luciferase Activity by Cytidine Nucleotides", <u>Analytical Biochemistry</u> , 204(2), (1992),283-291	
		HASTINGS, J. W., "Biological Diversity, Chemical Mechanisms, and the Evolutionary Origins of Bioluminescent Systems", <u>Journal of Molecular Evolution</u> , 19(3/4), (1983),309-321	
		MCELROY, W. D., et al., "Function of Adenosine Triphosphate in the Activation of Luciferin", <u>Archives of Biochemistry and Biophysics</u> , 64, (1956),257-271	
		MCELROY, W. D., et al., "Mechanisms of Bioluminescent Reactions", In: <u>A Symposium on Light and Life</u> , Edited by W. D. McElroy and B. Glass (John Hopkins Press, 1961),219-257	
		MOYER, J. D., et al., "Nucleoside Triphosphate Specificity of Firefly Luciferase", <u>Analytical Biochemistry</u> , 131(1), (1983),187-189	
		RHODES, W. C., "The Synthesis and Function of Luciferyl-adenylate and Oxyluciferyl-adenylate", <u>J. Biol. Chem.</u> , 233(6), (1958),1528-1537	
		ROSENDAHL, M. S., et al., "Dimensional Probing of the ATP Binding Site on Firefly Luciferase", <u>Photochemistry and Photobiology</u> , 35(6), (1982),857-861	
		SELIGER, H. H., "The Colors of Firefly Bioluminescence: Enzyme Configuration and Species Specificity", <u>Proc. Natl. Acad. Sci., USA</u> , 52(1), (1964),75-81	

EXAMINER**DATE CONSIDERED**

Substitute Disclosure Statement Form (PTO-1449)

* EXAMINER: Initial if reference considered, whether or not citation is in conformance with MPEP 809. Draw line through citation if not in conformance and not considered. Include copy of this form with next communication to applicant. 1 Applicant's unique citation designation number (optional) 2 Applicant is to place a check mark here if English language Translation is attached